

PTO/SB/088 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |   |                  |
|------------------------|---|------------------|
| Application Number     |   | 09/492,218       |
| Filing Date            |   | January 27, 2000 |
| First Named Inventor   |   | SITRICK, David   |
| Art Unit               |   | 2837             |
| Examiner Name          |   | FLETCHER, Marlon |
| Attorney Docket Number |   | STD 1757 RCE     |
| Sheet                  | 1 | of 4             |

**NON PATENT LITERATURE DOCUMENTS**

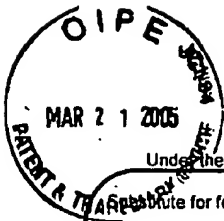
| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                                     | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | "Computer Graphics Visual Effects for Terminator 2: Judgement Day;" Siggraph 93: Course Notes 20: Computer Graphics in Visual Effects, 20th International Conference on Computer Graphics and Interactive Techniques; August 1993; sec. 3, pgs. 1-15; University of California; San Diego, CA, USA. |                |
|                    |                       | GOLDMAN, CLINT; "Abel, Ketchum Create a Sexy Robot for Can Council;" <u>Back Stage</u> ; January 25, 1985; pgs. 1, 10.  |                |
|                    |                       | CHRISTOPHER, ABIGAIL; "Siggraph '85, Part II: The Making of 'Brilliance,' Achieving the Impossible in Special Effects;" <u>Computer Graphics World</u> ; July 1985; pgs. 32-34 and 36; PennWell.  |                |
|                    |                       | "The Story of Waldo C. Graphic;" 3-D Character Animation by Computer, Course #4; ACM Siggraph 89; July 1989; pgs. 65-79; Boston, MA, USA.   |                |
|                    |                       | TREMAINE, HOWARD M.; "Audio Cyclopedia;" 1973; pgs. 864-871; Second Edition; ISBN: 0-672-20675-7; Howard W. Sams & Co., Inc.; Indianapolis, IN, USA.  |                |
|                    |                       | STRUTT, LIONEL; "Automated Dialog Replacement Using the Computer;" <u>The BKSTS Journal</u> ; March 1981; pgs. 196-198; vol. 63; British Kinematograph Sound & Television Society.  |                |
|                    |                       | PARENT, RICK; KING, SCOTT; FUJIMURA, OSAMU; "Issues with Lip Sync Animation: Can You Read My Lips?;" Ohio State University; University of Otago.  |                |
|                    |                       | BLOOM, P. J.; MARSHALL, G. D.; "A Digital Processing System for Automatic Dialogue Post-Synchronization;" <u>SMPTE Journal</u> ; June 1984; pgs. 566-569.   |                |
|                    |                       | WILLIAMS, LANCE; "Performance-Driven Facial Animation;" <u>Computer Graphics</u> ; August 1990; pgs. 235-242; vol. 24; no. 4.; ACM-0-89791-344-2/90/008/0235.   |                |
|                    |                       | CHADWICK, JOHN E.; HAUMANN, DAVID R.; PARENT, RICHARD E.; "Layered Construction for Deformable Animated Characters;" <u>Computer Graphics</u> ; July 1989; pgs. 243-252; vol. 23; no. 3.; ACM-0-89791-312-4/89/007/0243.  |                |
|                    |                       | MARSHALL, G. D.; BLOOM, P. J.; "Wordfit: a Digital Audio Signal Processing System for Automatic Time Alignment of Post-Synched Dialog;" <u>The BKSTS Journal</u> ; April 1984; 4 pgs., beginning on pg. 158; British Kinematograph Sound & Television Society.                                      |                |
|                    |                       | Siggraph 1990: Course Notes 17: Computer Graphics in Visual Effects, 17th International Conference on Computer Graphics and Interactive Techniques; August 1990; University of California; San Diego, CA, USA.  |                |

|                    |  |                 |         |
|--------------------|--|-----------------|---------|
| Examiner Signature |  | Date Considered | 5/28/05 |
|--------------------|--|-----------------|---------|

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

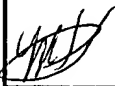
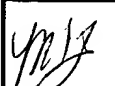


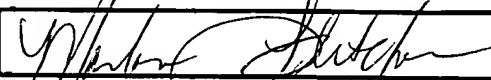
PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |      |                          |                  |
|---|------|--------------------------|------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |      | <b>Complete if Known</b> |                  |
|   |      | Application Number       | 09/492,218       |
|   |      | Filing Date              | January 27, 2000 |
|   |      | First Named Inventor     | SITRICK, David   |
|   |      | Art Unit                 | 2837             |
|   |      | Examiner Name            | FLETCHER, Marlon |
| Sheet 2   | of 4 | Attorney Docket Number   | STD 1757 RCE     |

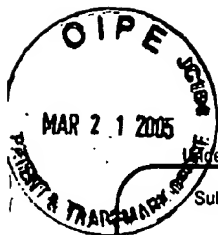
| NON PATENT LITERATURE DOCUMENTS   |                       |   |                |
|---|-----------------------|---|----------------|
| Examiner Initials*  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|    |                       | "Wordfit System for Automatic Dialogue Synchronization," <u>Digital Audio Research</u> , 1985, Rev. 6/85, Digital Audio Research Limited, London, England.  |                |
|   |                       | MELLOR, DAVID; "Digital Audio Recorder;" <u>Sound on Sound</u> ; April 1990.  |                |
|   |                       | MELLOR, DAVID; "WordFit Automatic Dialogue Synchronization;" <u>Audio Media</u> ; March 1991.   |                |
|   |                       | "Wordfit User Manual;" 1985; pjb: usmtitle-v1.1; Digital Audio Research Limited; London, England.   |                |
|   |                       | BLAKE, LARRY; "Digital Sound for Motion Pictures, Including Production Recording and Random-Access;" <u>Recording Engineer Producer</u> ; October 1985; pgs. 122, 134-136; Vol. 16, No. 5.  |                |
|  |                       | "Soundstation: Digital Audio Production Systems for Professionals, Product Guide;" Digital Audio Research Limited; London, England.   |                |
|   |                       |   |                |
|   |                       |   |                |
|   |                       |   |                |
|   |                       |   |                |
|   |                       |   |                |
|   |                       |   |                |
|   |                       |   |                |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 5/28/05 |
|--------------------|---|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 4

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/492,218       |
| Filing Date            | January 27, 2000 |
| First Named Inventor   | SITRICK, David   |
| Art Unit               | 3713             |
| Examiner Name          | FLETCHER, Marlon |
| Attorney Docket Number | STD 1757 RCE     |

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US- 4,260,229                            |                                | Bloomstein   |   |
|                       |                          | US- 4,468,204                            |                                | Scott et al.                                       |   |
|                       |                          | US- 4,500,879                            |                                | Smith, III et al.                                  |   |
|                       |                          | US- 4,527,980                            |                                | Miller   |   |
|                       |                          | US- 4,547,851                            |                                | Kurland  |   |
|                       |                          | US- 4,553,222                            |                                | Kurland et al.                                     |   |
|                       |                          | US- 4,591,928                            |                                | Bloom et al.                                       |   |
|                       |                          | US- 4,688,105                            |                                | Bloch et al.                                       |   |
|                       |                          | US- 4,698,460                            |                                | Krein et al.                                       |   |
|                       |                          | US- 4,698,461                            |                                | Meadows et al.                                     |   |
|                       |                          | US- 4,707,845                            |                                | Krein et al.                                       |   |
|                       |                          | US- 4,766,581                            |                                | Korn et al.  |   |
|                       |                          | US- 4,823,367                            |                                | Kreutzfeld   |   |
|                       |                          | US- 4,843,568                            |                                | Krueger et al.                                     |   |
|                       |                          | US- 4,827,532                            |                                | Bloomstein   |   |
|                       |                          | US- 5,001,632                            |                                | Hall-Tipping                                       |   |
|                       |                          | US- 5,053,757                            |                                | Meadows  |   |
|                       |                          | US- 5,107,443                            |                                | Smith et al.                                       |   |
|                       |                          | US- 5,126,639                            |                                | Srivastava   |   |
|                       |                          | US- 5,136,146                            |                                | Anglin et al.                                      |   |
|                       |                          | US- 5,149,104                            |                                | Edelstein  |   |
|                       |                          | US- 5,240,417                            |                                | Smithson et al.                                    |   |
|                       |                          | US- 5,341,133                            |                                | Savoy et al.                                       |   |
|                       |                          | US- 5,362,069                            |                                | Hall-Tipping                                       |   |
|                       |                          | US- 5,364,271                            |                                | Aknin et al.                                       |   |
|                       |                          | US- 5,367,614                            |                                | Bisey  |   |
|                       |                          | US- 5,434,678                            |                                | Abecassis  |   |

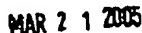
Examiner  
SignatureDate  
Considered

5/28/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet 4

of 4

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/492,218       |
| Filing Date            | January 27, 2000 |
| First Named Inventor   | SITRICK, David   |
| Art Unit               | 3713             |
| Examiner Name          | FLETCHER, Marlon |
| Attorney Docket Number | STD 1757 RCE     |

## U. S. PATENT DOCUMENTS

**Examiner  
Signature**

Date Considered

5/28/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**